CERTIFICATE OF ANALYSIS N° PAN-10705

COMPANY : Triton Energy of Panama, Corp.
CLIENT ADDRESS : Calle Elvira Mendez, Ed. Vallarino, Piso No. 3, Panama, Panama
ATTENTION OF : Hector Centella

REFERENCE NO. : TANK TRANSFER
TANK : 3
DESCRIPTION : Composite After Inbound
SAMPLE LABEL/ID : 0183-2020
LOCATION : Telfer Tanks Inc - Panama
PRODUCT : ULSD

MOVEMENT : Inbound
SAMPLING DATE : 29-Feb-2020 05:30
RECEIVED DATE : 29-Feb-2020 11:00
TESTED DATE : 29-Feb-2020
REPORT DATE : 29-Feb-2020
DRAWN BY : Camin Cargo

Method	Description of Test	Result / Unit	Minimum	Maximum	Remarks
NOTE : Lote: 0220LDO04. Volumen: 41,974.18BBls netos.					
D 4052-11	API Gravity @ 60°F	37.1 °API	*32.0*		*Pass*
D 4176 (1)	Appearance	Clear & Bright		*Clear & Bright*	*Pass*
D 1500	ASTM Color	L1.0		*2.5*	*Pass*
D 93A	Flash Point	73.0 °C	*60*		*Pass*
D 97	Pour Point	<-21 °C			
D 445	Viscosity @ 40 °C	2.975 cSt	*1.9*	*4.1*	*Pass*
D 86-12	Distillation				
	10%	220.0 °C		*Report*	
	50%	276.0 °C			
	90%	331.0 °C	*282*	*338*	*Pass*
	Final Boiling Point (End Point)	356.0 °C		*Report*	
	Residue	0.5 Vol. %		*2*	*Pass*
	Loss	0.5 Vol. %		*2*	*Pass*
D 976	Cetane Index	52.6	*45*		*Pass*
D 2622	Sulfur	8.7 mg/kg		*15*	*Pass*
D 2622	Sulfur	0.0008 Wt. %			
D 482	Ash	0.001 Mass %		*0.01*	*Pass*
D 4530	Carbon Residue, Micro Carbon on 10% Bott.	<0.10 Mass %		*0.3*	*Pass*
D 130	Copper Corrosion @ 50 °C (3 hrs)	1a		*2*	*Pass*
D 2624	Electrical Conductivity	60 pS/m	*25*		*Pass*
EN 14078-A	Fatty Acid Methyl Esters (FAME)	<0.05 Vol. %		*0.1*	*Pass*
D 6079	Lubricity - HFRR				
	Wear Scar Diameter @ 60° C	410 microns		*520*	*Pass*

CERTIFICATE OF ANALYSIS N° PAN-10705

COMPANY : Triton Energy of Panama, Corp.
CLIENT ADDRESS : Calle Elvira Mendez, Ed. Vallarino, Piso No. 3, Panama, Panama
ATTENTION OF : Hector Centella

REFERENCE NO. : TANK TRANSFER
TANK : 3
DESCRIPTION : Composite After Inbound
SAMPLE LABEL/ID : 0183-2020
LOCATION : Telfer Tanks Inc - Panama
PRODUCT : ULSD

MOVEMENT : Inbound
SAMPLING DATE : 29-Feb-2020 05:30
RECEIVED DATE : 29-Feb-2020 11:00
TESTED DATE : 29-Feb-2020
REPORT DATE : 29-Feb-2020
DRAWN BY : Camin Cargo

Method	Description of Test	Result / Unit	Minimum	Maximum	Remarks
NOTE : Lote: 0220LDO04. Volumen: 41,974.18BBls netos.					
D 2709	Sediment & Water	<0.010 Vol. %		*0.05*	*Pass*

The results apply to the samples as received and specifically to the items listed on this certificate.

Certified that this sample meets the relevant specification with respect to the above tests as noted.

The Pass/Fail as expressed within this document, represents the decision rule applied within client's limits request, these are deemed as pass if the value falls within the limits and as fail if the value falls outside the limits.

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Samples taken as per Standard Practice for Manual Sampling of Petroleum and Petroleum Products (ASTM D4057 / API MPMS Chapter 8.1)

All testing is performed on premises by Camin Cargo Control and in accordance to the latest referenced test method unless specifically stated.

Boris Zorrilla / Laboratory Manager

PETROLERA NACIONAL S.A.
Plaza Marbella, Piso 7
Panama
Panama

Attention of : Ms. R. Rodriguez

Analysis Report

Report number	: **13201/00028434.1/L/20**	Composite prep date	: 2020-03-05
Main Object	: GREAT CRISTOBAL	Place of sampling	: Puerto Internacional Punta Rincon
Report Date	: 2020-03-06	Date received	: 2020-03-05
Date of issue	: 2020-03-06	Date completed	: 2020-03-06
Sample object	: 9002	Sample number	: 9583448
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 9002 - single tank composite after discharge		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Gravity API at 60 °F Q	ASTM D 4052	°API	32.0		37.1
Free Water and Particulate Contamination (lab test)	ASTM D 4176				
Clear and Bright (procedure 1)		-		B&C	B & C
Test Temperature		°C			25.0
Color ASTM Q	ASTM D 1500	-		2.5	0.5
Water and Sediment Q	ASTM D 2709	vol %		0.05	< 0.01
Flash point (PM) procedure A Q	ASTM D 93	°C	60		69.0
Sulphur (S) Q	ASTM D 5453	mg/kg		15	6.4
Ash Content Q	ASTM D 482	mass %		0.01	< 0.001
Micro Carbon Residue (10% bottom) Q	ASTM D 4530 / D 86	mass %		0.30	< 0.10
Copper Strip Corrosion (3 hrs / 50 °C) Q	ASTM D 130	-		2	1a
Kinematic Viscosity at 40°C Q	ASTM D 445	mm²/s	1.9	4.1	3.017
Cetane Index Q	ASTM D 976	-	45		52.3
Distillation Q	ASTM D 86				
10% Recovered		°C		Report	218.5
50% Recovered		°C		Report	274.5
90% Recovered		°C	282	338	330.0
Final boiling point		°C		Report	353.5
Residue		vol %		2	1.6
Loss		vol %		2	0.7
Lubricity Test at 60 °C (Wear Scar Diameter) Q *	ASTM D 6079	µm		520	380
Conductivity at 25°C Q	ASTM D 2624	pS/m	25		28

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Plaza Marbella, Piso 7
Panama
Panama

Attention of : Ms. R. Rodriguez

Analysis Report

Report number	: **13201/00028434.1/L/20**	Composite prep date	: 2020-03-05
Main Object	: GREAT CRISTOBAL	Place of sampling	: Puerto Internacional Punta Rincon
Report Date	: 2020-03-06	Date received	: 2020-03-05
Date of issue	: 2020-03-06	Date completed	: 2020-03-06
Sample object	: 9002	Sample number	: 9583448
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 9002 - single tank composite after discharge		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Biodiesel	ASTM D 7371	vol %		0.1	< 0.100

** Analysis results are submitted by a third party laboratory.*

Lab comments:
Q: CNA Accreditation LE-002 is applicable for tests followed with a Q

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-03-06

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PETROLERA NACIONAL S.A.
Plaza Marbella, Piso 7
Panama
Panama

Attention of : Ms. R. Rodriguez

Analysis Report

Report number	: **13201/00028434.1/L/20**	Composite prep date	: 2020-03-05
Main Object	: GREAT CRISTOBAL	Place of sampling	: Puerto Internacional Punta Rincon
Report Date	: 2020-03-06	Date received	: 2020-03-05
Date of issue	: 2020-03-06	Date completed	: 2020-03-06
Sample object	: 9002	Sample number	: 9583448
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 9002 - single tank composite after discharge		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Gravity API at 60 °F Q	ASTM D 4052	°API	32.0		37.1
Free Water and Particulate Contamination (lab test)	ASTM D 4176				
Clear and Bright (procedure 1)		-		B&C	B & C
Test Temperature		°C			25.0
Color ASTM Q	ASTM D 1500	-		2.5	0.5
Water and Sediment Q	ASTM D 2709	vol %		0.05	< 0.01
Flash point (PM) procedure A Q	ASTM D 93	°C	60		69.0
Sulphur (S) Q	ASTM D 5453	mg/kg		15	6.4
Ash Content Q	ASTM D 482	mass %		0.01	< 0.001
Micro Carbon Residue (10% bottom) Q	ASTM D 4530 / D 86	mass %		0.30	< 0.10
Copper Strip Corrosion (3 hrs / 50 °C) Q	ASTM D 130	-		2	1a
Kinematic Viscosity at 40°C Q	ASTM D 445	mm²/s	1.9	4.1	3.017
Cetane Index Q	ASTM D 976	-	45		52.3
Distillation Q	ASTM D 86				
10% Recovered		°C		Report	218.5
50% Recovered		°C		Report	274.5
90% Recovered		°C	282	338	330.0
Final boiling point		°C		Report	353.5
Residue		vol %		2	1.6
Loss		vol %		2	0.7
Lubricity Test at 60 °C (Wear Scar Diameter) Q *	ASTM D 6079	µm		520	380
Conductivity at 25°C Q	ASTM D 2624	pS/m	25		28

All results in this report refer to the sample(s) tested as taken or submitted like specified in this Analysis report. Uncertainties, available on request, apply in the evaluation of the test results. All tests are conducted according to the latest version of the methods, unless another version is specifically indicated. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or concern, we refer to the interpretation of test results as defined in ASTM D3244, IP 367, ISO 4259 or GOST 33701. This report shall not be partially copied and reproduced without the written permission of the laboratory.

PETROLERA NACIONAL S.A.
Plaza Marbella, Piso 7
Panama
Panama

Attention of : Ms. R. Rodriguez

Analysis Report

Report number	: **13201/00028434.1/L/20**	Composite prep date	: 2020-03-05
Main Object	: GREAT CRISTOBAL	Place of sampling	: Puerto Internacional Punta Rincon
Report Date	: 2020-03-06	Date received	: 2020-03-05
Date of issue	: 2020-03-06	Date completed	: 2020-03-06
Sample object	: 9002	Sample number	: 9583448
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 9002 - single tank composite after discharge		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Biodiesel	ASTM D 7371	vol %		0.1	< 0.100

** Analysis results are submitted by a third party laboratory.*

Lab comments:
Q: CNA Accreditation LE-002 is applicable for tests followed with a Q

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-03-06

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CERTIFICATE OF ANALYSIS N° PAN-11095

COMPANY : Triton Energy of Panama, Corp.
CLIENT ADDRESS : Calle Elvira Mendez, Ed. Vallarino, Piso No. 3, Panama, Panama
ATTENTION OF : Hector Centella

REFERENCE NO. : COPANIT S15
TANK : 4
DESCRIPTION : Composite After Transfer
SAMPLE LABEL/ID : 0630-2020
LOCATION : Telfer Tanks Inc - Panama
PRODUCT : ULSD

MOVEMENT : Transfer
SAMPLING DATE : 18-Jun-2020 00:30
RECEIVED DATE : 18-Jun-2020 07:30
TESTED DATE : 18-Jun-2020
REPORT DATE : 22-Jun-2020
DRAWN BY : Camin Cargo

Method	Description of Test	Result / Unit	Minimum	Maximum	Remarks
D 4052-11	API Gravity @ 60°F	37.8 °API	*32.0*		*Pass*
D 4052	Density @ 15°C	835.2 Kg/m3			
D 4176 (1)	Appearance	Clear & Bright		*Clear & Bright*	*Pass*
D 1500	ASTM Color	L1.0		*2.5*	*Pass*
D 93A	Flash Point	65.0 °C	*60*		*Pass*
D 445	Viscosity @ 40 °C	2.573 cSt	*1.9*	*4.1*	*Pass*
D 86-12	Distillation of Petroleum Products				
	10%	204.4 °C		*Report*	
	50%	264.4 °C			
	90%	336.4 °C	*282*	*338*	*Pass*
	Final Boiling Point (End Point)	361.3 °C		*Report*	
	Residue	1.6 Vol. %		*2*	*Pass*
	Loss	1.4 Vol. %		*2*	*Pass*
D 976	Cetane Index	51.5	*45*		*Pass*
D 2622	Sulfur	9.3 mg/kg		*15*	*Pass*
D 482	Ash	<0.001 Mass %		*0.01*	*Pass*
D 4530	Carbon Residue, Micro Carbon on 10% Bott.	<0.10 Mass %		*0.3*	*Pass*
D 2709	Sediment & Water	<0.010 Vol. %		*0.05*	*Pass*
D 130	Copper Corrosion @ 50 °C (3 hrs)	1a		*2*	*Pass*
D 2624	Electrical Conductivity	75 pS/m	*25*		*Pass*
EN 14078-A	Fatty Acid Methyl Esters (FAME)	<0.05 Vol. %		*0.1*	*Pass*
D 6079	Lubricity - HFRR				
	Wear Scar Diameter @ 60° C	390 microns		*520*	*Pass*

The results apply to the samples as received and specifically to the items listed on this certificate.
Certified that this sample meets the relevant specification with respect to the above tests as noted.
Lote: 0620LDO01.
Api: 37.8
Volumen: 23,117.05 Bbls netos

This report may not be reproduced except in full without the written consent of the Camin Cargo Control. Data contained in this report is confidential to the addressee and shall not be disclosed to any other party without their approval

Samples taken as per Standard Practice for Manual Sampling of Petroleum and Petroleum Products (ASTM D4057 / API MPMS Chapter 8.1)
All testing is performed on premises by Camin Cargo Control and in accordance to the latest referenced test method unless specifically stated.

Boris Zorrilla / Laboratory Manager

TRITON ENERGY OF PANAMA CORP
BUILDING PLAZA OBARRIO
STREET SAMUEL LEWIS
FLOOR NO. 2, OFFICE NO. 109
PANAMA
Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029283.2/L/20**	Composite prep date	: 2020-07-25
Main Object	: OCEAN LAUREL	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-07-26	Date received	: 2020-07-25
Date of issue	: 2020-07-26	Date completed	: 2020-07-26
Sample object	: 6	Sample number	: 10228689
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 6 single tank composite - after discharge Lote: 0720LDO02.Volumen: 91,685.66 bbls netos API: 35.4		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Gravity API at 60 °F Q	ASTM D 4052	°API	32.0		35.4
Density at 15 °C	ASTM D 4052	kg/m³			847.5
Free Water and Particulate Contamination (lab test)	ASTM D 4176				
Clear and Bright (procedure 1)		-		B&C	B & C
Test Temperature		°C			26.0
Color ASTM Q	ASTM D 1500	-		2.5	< 1.5
Water and Sediment Q	ASTM D 2709	vol %		0.05	<0.01
Flash point (PM) procedure A Q	ASTM D 93	°C	60		62.0
Sulphur (S) Q	ASTM D 5453	mg/kg		15	7.2
Ash Content Q	ASTM D 482	mass %		0.01	<0.001
Carbon Residue Conradson (10% bot.)	ASTM D 189 / D 86	mass %		0.30	<0.10
Kinematic Viscosity at 40°C Q	ASTM D 445	mm²/s	1.9	4.1	3.028
Cetane Index Q	ASTM D 976	-	45		47.9
Distillation Q	ASTM D 86				
10% Recovered		°C		Report	207.2
50% Recovered		°C		Report	266.9
90% Recovered		°C	282	338	335.1
Final boiling point		°C		Report	358.6
Residue		vol %		2	1.6
Loss		vol %		2	1.6
Lubricity Test at 60 °C (Wear Scar Diameter) Q *	ASTM D 6079	µm		520	380
Conductivity at 25°C Q	ASTM D 2624	pS/m	25		67
Biodiesel	ASTM D 7371	vol %		0.1	<0.10

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TRITON ENERGY OF PANAMA CORP
BUILDING PLAZA OBARRIO
STREET SAMUEL LEWIS
FLOOR NO. 2, OFFICE NO. 109
PANAMA
Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029283.2/L/20**	Composite prep date	: 2020-07-25
Main Object	: OCEAN LAUREL	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-07-26	Date received	: 2020-07-25
Date of issue	: 2020-07-26	Date completed	: 2020-07-26
Sample object	: 6	Sample number	: 10228689
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 6 single tank composite - after discharge Lote: 0720LDO02.Volumen: 91,685.66 bbls netos API: 35.4		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Pour Point	ASTM D 97	°C			< -24

** Analysis results are submitted by a third party laboratory. Saybolt was not present whilst the analysis was carried out, and has signed for receipt only with no liability accepted.*

Lab comments:
Q: CNA Accreditation LE-002 is applicable for tests followed with a Q

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-07-26

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Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029283.2/L/20**	Composite prep date	: 2020-07-25
Main Object	: OCEAN LAUREL	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-07-26	Date received	: 2020-07-25
Date of issue	: 2020-07-26	Date completed	: 2020-07-26
Sample object	: 6	Sample number	: 10228689
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 6 single tank composite - after discharge Lote: 0720LDO02.Volumen: 91,685.66 bbls netos API: 35.4		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Gravity API at 60 °F Q	ASTM D 4052	°API	32.0		35.4
Density at 15 °C	ASTM D 4052	kg/m³			847.5
Free Water and Particulate Contamination (lab test)	ASTM D 4176				
Clear and Bright (procedure 1)		-		B&C	B & C
Test Temperature		°C			26.0
Color ASTM Q	ASTM D 1500	-		2.5	< 1.5
Water and Sediment Q	ASTM D 2709	vol %		0.05	<0.01
Flash point (PM) procedure A Q	ASTM D 93	°C	60		62.0
Sulphur (S) Q	ASTM D 5453	mg/kg		15	7.2
Ash Content Q	ASTM D 482	mass %		0.01	<0.001
Carbon Residue Conradson (10% bot.)	ASTM D 189 / D 86	mass %		0.30	<0.10
Kinematic Viscosity at 40°C Q	ASTM D 445	mm²/s	1.9	4.1	3.028
Cetane Index Q	ASTM D 976	-	45		47.9
Distillation Q	ASTM D 86				
10% Recovered		°C		Report	207.2
50% Recovered		°C		Report	266.9
90% Recovered		°C	282	338	335.1
Final boiling point		°C		Report	358.6
Residue		vol %		2	1.6
Loss		vol %		2	1.6
Lubricity Test at 60 °C (Wear Scar Diameter) Q *	ASTM D 6079	µm		520	380
Conductivity at 25°C Q	ASTM D 2624	pS/m	25		67
Biodiesel	ASTM D 7371	vol %		0.1	<0.10

All results in this report refer to the sample(s) tested as taken or submitted like specified in this Analysis report. Uncertainties, available on request, apply in the evaluation of the test results. All tests are conducted according to the latest version of the methods, unless another version is specifically indicated. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or concern, we refer to the interpretation of test results as defined in ASTM D3244, IP 367, ISO 4259 or GOST 33701. This report shall not be partially copied and reproduced without the written permission of the laboratory.

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FLOOR NO. 2, OFFICE NO. 109
PANAMA
Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029283.2/L/20**	Composite prep date	: 2020-07-25
Main Object	: OCEAN LAUREL	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-07-26	Date received	: 2020-07-25
Date of issue	: 2020-07-26	Date completed	: 2020-07-26
Sample object	: 6	Sample number	: 10228689
Sample type	: Composite		
Sample submitted as	: ULSD		
Marked	: Shore tank 6 single tank composite - after discharge Lote: 0720LDO02.Volumen: 91,685.66 bbls netos API: 35.4		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Pour Point	ASTM D 97	°C			< -24

** Analysis results are submitted by a third party laboratory. Saybolt was not present whilst the analysis was carried out, and has signed for receipt only with no liability accepted.*

Lab comments:
Q: CNA Accreditation LE-002 is applicable for tests followed with a Q

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-07-26

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STREET SAMUEL LEWIS
FLOOR NO. 2, OFFICE NO. 109
PANAMA
Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029283.2/L/20**	Composite prep date	: 2020-07-25
Main Object	: TANK 6	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-07-26	Date received	: 2020-07-25
Date of issue	: 2020-07-26	Date completed	: 2020-07-26
Sample object	: 6	Sample number	: 10228689
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Gravity API at 60 °F Q	ASTM D 4052	°API	32.0		35.4
Density at 15 °C	ASTM D 4052	kg/m³			847.5
Free Water and Particulate Contamination (lab test)	ASTM D 4176				
Clear and Bright (procedure 1)		-		B&C	B & C
Test Temperature		°C			26.0
Color ASTM Q	ASTM D 1500	-		2.5	< 1.5
Water and Sediment Q	ASTM D 2709	vol %		0.05	<0.01
Flash point (PM) procedure A Q	ASTM D 93	°C	60		62.0
Sulphur (S) Q	ASTM D 5453	mg/kg		15	7.2
Ash Content Q	ASTM D 482	mass %		0.01	<0.001
Carbon Residue Conradson (10% bot.)	ASTM D 189 / D 86	mass %		0.30	<0.10
Kinematic Viscosity at 40°C Q	ASTM D 445	mm²/s	1.9	4.1	3.028
Cetane Index Q	ASTM D 976	-	45		47.9
Distillation Q	ASTM D 86				
10% Recovered		°C		Report	207.2
50% Recovered		°C		Report	266.9
90% Recovered		°C	282	338	335.1
Final boiling point		°C		Report	358.6
Residue		vol %		2	1.6
Loss		vol %		2	1.6
Lubricity Test at 60 °C (Wear Scar Diameter) Q *	ASTM D 6079	µm		520	380
Conductivity at 25°C Q	ASTM D 2624	pS/m	25		67
Biodiesel	ASTM D 7371	vol %		0.1	<0.10

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TRITON ENERGY OF PANAMA CORP
BUILDING PLAZA OBARRIO
STREET SAMUEL LEWIS
FLOOR NO. 2, OFFICE NO. 109
PANAMA
Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029283.2/L/20**	Composite prep date	: 2020-07-25
Main Object	: TANK 6	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-07-26	Date received	: 2020-07-25
Date of issue	: 2020-07-26	Date completed	: 2020-07-26
Sample object	: 6	Sample number	: 10228689
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Pour Point	ASTM D 97	°C			< -24

** Analysis results are submitted by a third party laboratory.*

Lab comments:
Q: CNA Accreditation LE-002 is applicable for tests followed with a Q

Lote: 0720LDO02 Volumen: 91,685.66 bbls netos API: 35.4

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-07-26

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Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029168.8/L/20**	Composite prep date	: 2020-07-03
Main Object	: TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-08-19	Date received	: 2020-07-04
Date of issue	: 2020-08-19	Date completed	: 2020-07-09
Sample object	: 7	Sample number	: 10136999
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Gravity API at 60 °F Q	ASTM D 4052	°API	32.0		34.6
Free Water and Particulate Contamination (lab test)	ASTM D 4176				
Clear and Bright (procedure 1)		-		B&C	B & c
Test Temperature		°C			26
Color ASTM Q	ASTM D 1500	-		2.5	< 1.5
Water and Sediment Q	ASTM D 2709	vol %		0.05	0
Flash point (PM) procedure A Q	ASTM D 93	°C	60		62.0
Sulphur (S) Q	ASTM D 5453	mg/kg		15	6.6
Ash Content Q	ASTM D 482	mass %		0.01	< 0.001
Micro Carbon Residue (10% bottom) Q	ASTM D 4530 / D 86	mass %		0.30	< 0.10
Copper Strip Corrosion (3 hrs / 50 °C) Q	ASTM D 130	-		2	1a
Kinematic Viscosity at 40°C Q	ASTM D 445	mm^2/s	1.9	4.1	2.964
Cetane Index Q	ASTM D 976	-	45		47.6
Distillation Q	ASTM D 86				
10% Recovered		°C		Report	212.9
50% Recovered		°C		Report	270.7
90% Recovered		°C	282	338	336.3
Final boiling point		°C		Report	363.8
Residue		vol %		2	1.4
Loss		vol %		2	0.5
Lubricity Test at 60 °C (Wear Scar Diameter) Q *	ASTM D 6079	µm		520	380
Conductivity at 25°C Q	ASTM D 2624	pS/m	25		250

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Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029168.8/L/20**	Composite prep date	: 2020-07-03
Main Object	: TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-08-19	Date received	: 2020-07-04
Date of issue	: 2020-08-19	Date completed	: 2020-07-09
Sample object	: 7	Sample number	: 10136999
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Biodiesel	ASTM D 7371	vol %		0.1	< 0.10

** Analysis results are submitted by a third party laboratory.*

Lab comments:
Q: CNA Accreditation LE-002 is applicable for tests followed with a Q

Lote: 0820LDO01. Volumen: 195,732.90 bbls netos API: 34.6

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-08-19

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Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029168.8/L/20**	Composite prep date	: 2020-07-03
Main Object	: TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-08-19	Date received	: 2020-07-04
Date of issue	: 2020-08-19	Date completed	: 2020-07-09
Sample object	: 7	Sample number	: 10136999
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Gravity API at 60 °F Q	ASTM D 4052	°API	32.0		34.6
Free Water and Particulate Contamination (lab test)	ASTM D 4176				
Clear and Bright (procedure 1)		-		B&C	B & c
Test Temperature		°C			26
Color ASTM Q	ASTM D 1500	-		2.5	< 1.5
Water and Sediment Q	ASTM D 2709	vol %		0.05	0
Flash point (PM) procedure A Q	ASTM D 93	°C	60		62.0
Sulphur (S) Q	ASTM D 5453	mg/kg		15	6.6
Ash Content Q	ASTM D 482	mass %		0.01	< 0.001
Micro Carbon Residue (10% bottom) Q	ASTM D 4530 / D 86	mass %		0.30	< 0.10
Copper Strip Corrosion (3 hrs / 50 °C) Q	ASTM D 130	-		2	1a
Kinematic Viscosity at 40°C Q	ASTM D 445	mm^2/s	1.9	4.1	2.964
Cetane Index Q	ASTM D 976	-	45		47.6
Distillation Q	ASTM D 86				
10% Recovered		°C		Report	212.9
50% Recovered		°C		Report	270.7
90% Recovered		°C	282	338	336.3
Final boiling point		°C		Report	363.8
Residue		vol %		2	1.4
Loss		vol %		2	0.5
Lubricity Test at 60 °C (Wear Scar Diameter) Q *	ASTM D 6079	µm		520	380
Conductivity at 25°C Q	ASTM D 2624	pS/m	25		250

All results in this report refer to the sample(s) tested as taken or submitted like specified in this Analysis report. Uncertainties, available on request, apply in the evaluation of the test results. All tests are conducted according to the latest version of the methods, unless another version is specifically indicated. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or concern, we refer to the interpretation of test results as defined in ASTM D3244, IP 367, ISO 4259 or GOST 33701. This report shall not be partially copied and reproduced without the written permission of the laboratory.

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Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029168.8/L/20**	Composite prep date	: 2020-07-03
Main Object	: TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-08-19	Date received	: 2020-07-04
Date of issue	: 2020-08-19	Date completed	: 2020-07-09
Sample object	: 7	Sample number	: 10136999
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Biodiesel	ASTM D 7371	vol %		0.1	< 0.10

** Analysis results are submitted by a third party laboratory.*

Lab comments:
Q: CNA Accreditation LE-002 is applicable for tests followed with a Q

Lote: 0820LDO01. Volumen: 195,732.90 bbls netos API: 34.6

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-08-19

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Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029558.6/L/20**	Date of sampling	: 2020-09-06
Main Object	: SHORE TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-09-08	Date received	: 2020-09-06
Date of issue	: 2020-09-08	Date completed	: 2020-09-08
Sample object	: 7	Sample number	: 10484398
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME		METHOD	UNIT	SPECS		RESULT
				Min	Max	
Gravity API at 60 °F	Q	ASTM D 4052	°API	32.0		37.0
Density at 15 °C	Q	ASTM D 4052	kg/m³			839.2
Free Water and Particulate Contamination (lab test)	Q	ASTM D 4176				
Clear and Bright (procedure 1)			-		B&C	B & C
Test Temperature			°C			26.0
Color ASTM	Q	ASTM D 1500	-		2.5	<1.0
Water and Sediment	Q	ASTM D 2709	vol %		0.05	< 0.01
Flash point (PM) procedure A	Q	ASTM D 93	°C	60		62.0
Ash Content	Q	ASTM D 482	mass %		0.01	< 0.010
Carbon Residue Conradson (10% bot.)	Q	ASTM D 189 / D 86	mass %		0.30	< 0.10
Copper Strip Corrosion (3 hrs / 50 °C)	Q	ASTM D 130	-		2	1a
Sulphur (S)	Q	ASTM D 4294	mg/kg		15	10
Kinematic Viscosity at 40°C	Q	ASTM D 445	mm²/s	1.9	4.1	2.583
Cetane Index	Q	ASTM D 976	-	45		49.6
Distillation	Q	ASTM D 86				
10% Recovered			°C		Report	200.9
50% Recovered			°C		Report	262.2
90% Recovered			°C	282	338	332.3
Final boiling point			°C		Report	358.7
Residue			vol %		2	1.7
Loss			vol %		2	1.0
Lubricity Test at 60 °C (Wear Scar Diameter) *	Q	ASTM D 6079	µm		520	350
Conductivity at 25°C	Q	ASTM D 2624	pS/m	25		213

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PANAMA
Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029558.6/L/20**	Date of sampling	: 2020-09-06
Main Object	: SHORE TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-09-08	Date received	: 2020-09-06
Date of issue	: 2020-09-08	Date completed	: 2020-09-08
Sample object	: 7	Sample number	: 10484398
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME		METHOD	UNIT	SPECS		RESULT
				Min	Max	
Biodiesel	Q	ASTM D 7371	vol %		0.1	< 0.1

** Analysis results are submitted by a third party laboratory.*

Test comments:
Sulphur (S) (ASTM D 4294): reported below method detection limit

Lab comments:
Lote: 0920LDO01 Volumen: 195,578.12 bbls netos API: 37.0

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-09-08

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Panama

Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029558.6/L/20**	Date of sampling	: 2020-09-06
Main Object	: SHORE TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-09-08	Date received	: 2020-09-06
Date of issue	: 2020-09-08	Date completed	: 2020-09-08
Sample object	: 7	Sample number	: 10484398
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME		METHOD	UNIT	SPECS		RESULT
				Min	Max	
Gravity API at 60 °F	Q	ASTM D 4052	°API	32.0		37.0
Density at 15 °C	Q	ASTM D 4052	kg/m³			839.2
Free Water and Particulate Contamination (lab test)	Q	ASTM D 4176				
Clear and Bright (procedure 1)			-		B&C	B & C
Test Temperature			°C			26.0
Color ASTM	Q	ASTM D 1500	-		2.5	<1.0
Water and Sediment	Q	ASTM D 2709	vol %		0.05	< 0.01
Flash point (PM) procedure A	Q	ASTM D 93	°C	60		62.0
Ash Content	Q	ASTM D 482	mass %		0.01	< 0.010
Carbon Residue Conradson (10% bot.)	Q	ASTM D 189 / D 86	mass %		0.30	< 0.10
Copper Strip Corrosion (3 hrs / 50 °C)	Q	ASTM D 130	-		2	1a
Sulphur (S)	Q	ASTM D 4294	mg/kg		15	10
Kinematic Viscosity at 40°C	Q	ASTM D 445	mm²/s	1.9	4.1	2.583
Cetane Index	Q	ASTM D 976	-	45		49.6
Distillation	Q	ASTM D 86				
10% Recovered			°C		Report	200.9
50% Recovered			°C		Report	262.2
90% Recovered			°C	282	338	332.3
Final boiling point			°C		Report	358.7
Residue			vol %		2	1.7
Loss			vol %		2	1.0
Lubricity Test at 60 °C (Wear Scar Diameter) *	Q	ASTM D 6079	µm		520	350
Conductivity at 25°C	Q	ASTM D 2624	pS/m	25		213

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Attention of : Mr. H. Centella

Analysis Report

Report number	: **13201/00029558.6/L/20**	Date of sampling	: 2020-09-06
Main Object	: SHORE TANK 7	Place of sampling	: Telfer Tank Terminal
Report Date	: 2020-09-08	Date received	: 2020-09-06
Date of issue	: 2020-09-08	Date completed	: 2020-09-08
Sample object	: 7	Sample number	: 10484398
Sample type	: Composite		
Sample submitted as	: ULSD		

NAME		METHOD	UNIT	SPECS		RESULT
				Min	Max	
Biodiesel	Q	ASTM D 7371	vol %		0.1	< 0.1

** Analysis results are submitted by a third party laboratory.*

Test comments:
Sulphur (S) (ASTM D 4294): reported below method detection limit

Lab comments:
Lote: 0920LDO01 Volumen: 195,578.12 bbls netos API: 37.0

Signed by: Everner Jimenez - Laboratory Manager/Assistant Mgr
Issued by: Core Laboratories Panama, S.A.
Place and date of issue: Panama City - 2020-09-08

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CERTIFICADO DE ANÁLISIS N° PAN-10705

COMPAÑÍA : Triton Energy of Panama, Corp.
DIRECCIÓN DEL CLIENTE : Calle Elvira Mendez, Ed. Vallarino, Piso No. 3, Panama, Panama
A LA ATENCION DE : Hector Centella
NO. DE REFERENCIA : TRANSFERENCIA DE TANQUE
TANQUE : 3
DESCRIPCION : Composite After Inbound
ETIQUETA DE LA MUESTRA/ID : 0183-2020
LOCALIZACIÓN : Telfer Tanks Inc - Panama
PRODUCTO : ULSD

MOVIMIENTO : Inbound
FECHA DEL MUESTREO : 29-Feb-2020 05:30
FECHA DE RECIBIDO : 29-Feb-2020 11:00
FECHA DEL ANÁLISIS : 29-Feb-2020
FECHA DEL REPORTE : 29-Feb-2020
ESCRITO POR : Camin Cargo

Método	Descripción del análisis	Resultados / Unidad	Minimum	Maximum	Comentarios
NOTE : Lote: 0220LDO04. Volumen: 41,974.18 BBls netos.					
D 4052-11	API Gravity @ 60°F	37.1 °API	*32.0*		*Pass*
D 4176 (1)	Appearance	Clear & Bright		*Clear & Bright*	*Pass*
D 1500	ASTM Color	L1.0		*2.5*	*Pass*
D 93A	Flash Point	73.0 °C	*60*		*Pass*
D 97	Pour Point	<-21 °C			
D 445	Viscosity @ 40 °C	2.975 cSt	*1.9*	*4.1*	*Pass*
D 86-12	Distillation				
	10%	220.0 °C		*Report*	
	50%	276.0 °C			
	90%	331.0 °C	*282*	*338*	*Pass*
	Final Boiling Point (End Point)	356.0 °C		*Report*	
	Residue	0.5 Vol. %		*2*	*Pass*
	Loss	0.5 Vol. %		*2*	*Pass*
D 976	Cetane Index	52.6	*45*		*Pass*
D 2622	Sulfur	8.7 mg/kg		*15*	*Pass*
D 2622	Sulfur	0.0008 Wt. %			
D 482	Ash	0.001 Mass %		*0.01*	*Pass*
D 4530	Carbon Residue, Micro Carbon on 10% Bott.	<0.10 Mass %		*0.3*	*Pass*
D 130	Copper Corrosion @ 50 °C (3 hrs)	1a		*2*	*Pass*
D 2624	Electrical Conductivity	60 pS/m	*25*		*Pass*
EN 14078-A	Fatty Acid Methyl Esters (FAME)	<0.05 Vol. %		*0.1*	*Pass*
D 6079	Lubricity - HFRR				
	Wear Scar Diameter @ 60° C	410 microns		*520*	*Pass*

CERTIFICADO DE ANÁLISIS N° PAN-10705

COMPANÍA	: Triton Energy of Panama, Corp.		
DIRECCION DEL CLIENTE	: Calle Elvira Mendez, Ed. Vallarino, Piso No. 3, Panama, Panama		
A LA ATENCIÓN DE	: Hector Centella		
NO. DE REFERENCIA	: TRANSFERENCIA DE TANQUE	**MOVIMIENTO**	: **Entrante**
TANQUE	: 3	**FECHA DE MUESTREO**	: 29-Feb-2020 05:30
DESCRIPCION	: **Compuesta después de la entrada**	**FECHA DE RECIBIDO**	: 29-Feb-2020 11:00
ETIQUETA DE LA MUESTRA/ID	: 0183-2020	**FECHA DE ANÁLISIS**	: 29-Feb-2020
LOCALIZACIÓN	: Telfer Tanks Inc - Panama	FECHA DEL REPORTE	: 29-Feb-2020
PRODUCTO	: ULSD	**ESCRITO POR**	: Camin Cargo

Método	Descripción del análisis	Resultados / Unidad	Minimum	Maximum	Comentarios
NOTE : Lote: 0220LDO04. Volumen: 41,974.18BBls netos.					
D 2709	Sediment & Water	<0.010 Vol. %		*0.05*	*Pass*

The results apply to the samples as received and specifically to the items listed on this certificate.
Certified that this sample meets the relevant specification with respect to the above tests as noted.
The Pass/Fail as expressed within this document, represents the decision rule applied within client's limits request, these are deemed as pass if the value falls within the limits and as fail if the value falls outside the limits.
This report may not be reproduced except in full without the written consent of the Camin Cargo Control. Data contained in this report is confidential to the addressee and shall not be disclosed to any other party without their approval
Samples taken as per Standard Practice for Manual Sampling of Petroleum and Petroleum Products (ASTM D4057 / API MPMS Chapter 8.1) All testing is performed on premises by Camin Cargo Control and in accordance to the latest referenced test method unless specifically stated.

Boris Zorrilla / Laboratory Manager